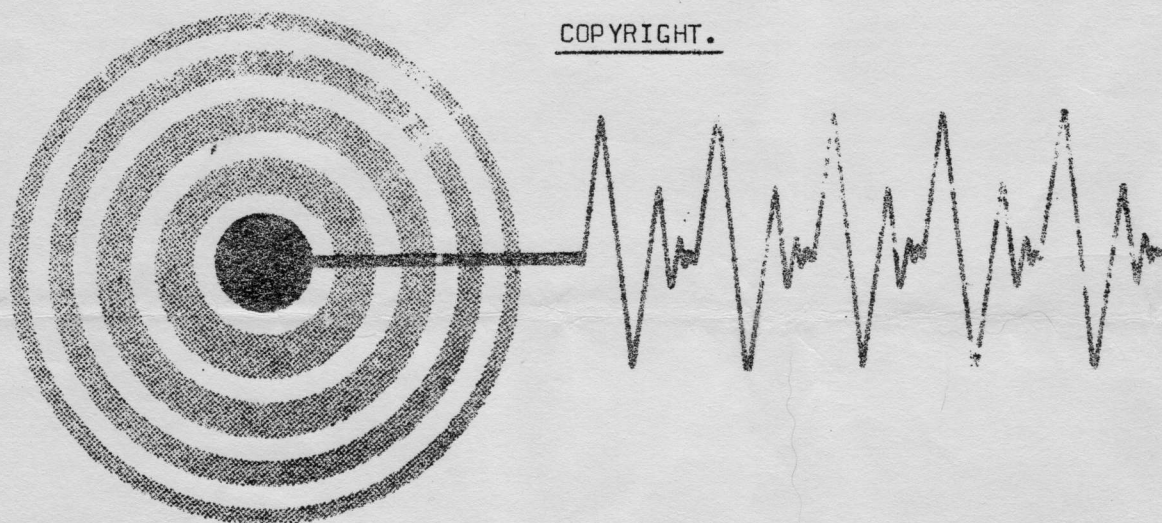


# A.C.O.S. BULLETIN

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journal of  
AUSTRALIAN CO-ORDINATION SECTION,  
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AUSTRALIA

## DEFINITION

We define the UFO as the reported perception of an object or light, seen in the sky or upon the land, the appearance, trajectory, and general dynamic and luminescent behaviour of which do not suggest a logical, conventional explanation and which is not only mystifying to the original percipients but remains unidentified after close scrutiny of all available evidence by persons who are technically capable of making a common sense identification if one is possible.

Dr. J. Allen Hynek

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Editorial.

by H. Griesberg &amp; D. Seargent.

This year is certainly becoming "the year of the UFO". With President Carter of the USA now well known as a UFO sighter, with the release of classified information regarding the subject in the USA and, especially, with the great flood of public awareness of the subject created by the film "Close Encounters" (and the book version of this story, to say nothing of the "outer space" craze sparked off by "Star Wars") the man-in-the-street is being exposed to UFO-related topics to an extent equal to (or greater than) at any time during the great "flap" years of the past.

This may seem like another phase in the growth of UFO popularity following the post-Condon reaction of the early 1970's. A new wave of public awareness, starting with the great "flap" of 1973 and nourished by the Hynek publicity, is now reaching something of a crest. Just what lies beyond that crest, remains to be seen, but we would guess that "over the wave" will lie, not a trough, but a levelling out of interest at a fairly intense level. We think that we can expect a good deal of interest in the subject for quite a few years to come, among the general public. This will be, of course, a mixed blessing. We can expect the honest and broad-minded enquirer, but we can also expect the crackpot and the cultist - and, (from past experience) these people will make the loudest noise (like the proverbial empty cans). A couple of weeks ago, a Sydney contactee was quoted in a Sunday newspaper as predicting the end of civilization in 30 years time. The latest edition of a well-known magazine also carries the story of a South Australian contactee and her exploits "up there".

Likewise, ancient astronauts, hollow earth, Bermuda Triangle and all other mysteries (real or imagined) are being associated with the UFO. From all this, we must stand aloof. If our investigations are to BE scientific, they must be SEEN TO BE scientific. Involvement in "crackpotism" will only destroy the work of the past few years - and damage our credibility for years to come. In short, we must not be afraid to be seen as "debunkers" at times. There is



much "bunk" in the UFO field and its illegitimate relations and if we are ever to disentangle it from this "bunk" we should not be afraid to sound a bit "Klassic" at times. After all, we are aiming at the truth, not at converting people to a particular belief - we leave that to the contactees and wish them all the bad luck possible!

# Editorial

by Dr. J. Allen Hynek.

On a recent prime time network TV program a prominent MIT physicist was asked whether he believed in UFOs. He replied that of course he didn't - that UFOs were nonsense. Unfortunately no one rose to challenge his statement - yet a simple obvious challenge would have been highly instructive to the presumably large TV audience.

He might have been asked, "When you say you don't believe in UFOs just what is it you don't believe in? To begin with, don't you believe that UFO reports exist by the thousands and continue to be made to this very day?" If he were honest (and all MIT physicists are honest!), he must answer that of course UFO reports exist, (although he may not have been aware of the scope of the reports). This is not a matter of belief but of simple fact.

"Well then, is it that you don't believe that such reports come from all over the world and are not confined to the United States - that the phenomenon of UFO reporting is global?"

He might not have been aware of this, yet a simple print-out from our data bank (UFOCAT) would soon clearly demonstrate the world-wide scope of UFO reporting. This is a fact rather than a belief. Facts make beliefs unnecessary.

"Or is it perhaps that you don't believe that many UFO reports come from highly responsible, often technically trained persons?" Once again, belief is not necessary. The facts are that many UFO reports are made by responsible competent persons, people whose testimony because of their standing in the community, would be unquestioned in other circumstances. Verification of this fact would take a little patience and willingness on the part of our physicist, but as is well known, MIT physicists are patient and willing.

"Well then, is it that you don't believe that reports of close encounters with UFOs both exist and are made by responsible persons in many cases?" In the face of facts, he must admit that indeed such reports exist.

"Well then, I continue to be puzzled - just what is it that you don't believe in?"

"I don't believe that UFOs are physical craft that come from distant parts of the galaxy."

"Well, why didn't you say so in the first place? If you base your beliefs on the present level of our technology, I can sympathize with your viewpoint and understand your arguments quite well. It is true that the nearest star to the sun is more than a hundred million times farther away than the moon, and I fully agree that getting there is nothing in our technology that would permit "getting here from there", and with such frequency, too! I do recognize the arguments in support of your belief but not one of them destroys the fact that UFO reports exist, that they come from all over the world, and that many are made by highly responsible people. This is the phenomenon of UFOs, and this phenomenon does indeed exist, and by its very nature has become an outstanding puzzle and mystery of our times. This is no longer a question of belief, but of fact, and is certainly worthy of scientific investigation.

So, please, if you say you don't believe in, UFOs, make it clear just what it is you don't believe in, and why. Why confuse this issue more than it has to be?

Don Herbison-Evans (1) has recently invited examination of significant UFO sightings with the intention of seeking evidence for extra-terrestrial visitation. One account which has impressed me with the thoroughness of the investigation and the detailed information that was gained concerning the appearance and behaviour of the UFOs involved is that reported by Aime Michel in FSR special issue No 3 (2). Dr 'X' was an excellent witness and Michel was able to analyze the sighting in detail to gain quantitative information regarding the behaviour of the UFOs. He concentrates on the physical aspects of the case but alludes to some non-physical effects associated with the case.

Briefly, the sighting involves two disc-shaped flying objects about 65 meters in diameter of identical appearance. They had a vertical antenna on a silvery white upper surface and two opposed horizontal antennae at the junction with a bright sunset red lower section. A cylindrical white light beam was emitted from a 'ringed corona' at the base which illuminated the terrain and buildings below. The UFOs were initially quite close to each other and there was a cyclic luminous activity involving white flashes which were apparently absorbed at the extremities of each of the antennae and travelled inwards to the body of each object.

The UFOs were initially observed at a distance of about 2 km and travelling away from the witness. These two objects then rotated to face Dr. 'X' with their horizontal antennae at each side of the object, and changed their course slightly towards him. The objects then merged to form one object which was of identical appearance to its predecessors except that he could detect a movement in the lower red section. The single object approached to within about 200 meters of the witness and then stopped, allowing him to get a good view. The object then rotated to present the underside to Dr. 'X' and bathe him within the spotlight. The object then dematerialized with a loud bang and a very fine white thread shot up into the air, forming a white shining dot which itself vanished with a sharp report.

Well, what are we to make of such an account? The objects appear to be real enough (e.g. the light beam illuminated the environment), but there are three aspects which indicate that they are not 'real' in our sense of the word.

1. The objects apparently interpenetrated each other and merged to form a single object.
2. The composite object disappeared by an apparent 'dematerialization'.
3. The detail on the underside which became visible at close range did not obey the laws of perspective.

This detail consisted of black lines dividing the lower half of the disc into eleven visible sections. The sketch by the witness shows these lines originating at points equi-spaced around the junction with the top section (i.e. the rim) but sloping towards the outside of the lower surface, not towards the centre as would be expected from a radial pattern (which is what he perceived when the underside became visible). Five alternate sections formed by these lines were cyclically traversed from top to bottom by a dark horizontal line like lines that move across a TV screen when you are adjusting it.

While one could perhaps propose that here we have two alien scout ships that merged to form one, without the matter of each interacting and suitable accommodation immediately becoming available for both crews, prior to examining the witness and then vanishing by entering 'hyperspace', an alternative explanation seems at least as likely.

I propose that in fact only one scout ship was involved. This vehicle approached and examined Dr. 'X' and then left initially along the same path



as the approach but then deviating slightly from it. As it retreated however, it moved backwards in time at the same rate as we perceive time to be moving forward.

The dematerialization is thus readily explained and the apparent merging is interpreted as a departure of the object during its retreat from the course it took during the approach. The alteration of the perspective might then be due to an interference effect resulting from the supposition of the object travelling backwards in time on the same object in normal time. The movements observed in the lower section are indeed similar to the interference one observes on a TV screen when it is shown on another TV screen. If this interpretation is correct then one can conclude that matter travelling at a different rate of time does not interact with matter in the normal time stream, a fact which must give the occupants of such craft a great deal of comfort.

#### References:

- (1) D. Herbison-Evans', "Extraterrestrials on Earth", ACOS Bulletin No.13, March 1978, page 3.
- (2) A. Michel, "The Strange case of Dr.'X'. Flying Saucer Review, Special Issue No. 3, August 1969, page 3.

#### The Brock Lighthouse Pictures-a hoax revealed. by K. Basterfield.

In the course of preparing a catalogue of Australasian UFO photographs, one of the cases which has always puzzled me came up for inclusion. I looked at several magazines which carried details of the sighting and copies of the pictures. After a review of the data and viewing the pictures it seemed to me that the object in question had the characteristics of a lens reflection. I decided to investigate further.

One of the best sources for information on the account is the "Newcastle Morning Herald and Miner's Advocate" dated March 23, 1965 which carried the following story:-

#### MYSTERY OBJECT - MOON OBJECT PICTURES.

These photographs, taken at sea off the Victorian coast last wednesday, night, show what appears to be an object moving around the moon. They were brought to Newcastle by the man who took them, Mr. Walter Jacobs, 38, of the Terrace, Newcastle, and assistant steward in the B.H.P. ore freighter Iron Duke.

Mr. Jacobs, an amateur photographer, said he saw the object by accident when he began to photograph a moon-cloud effect. He said he developed the negatives in his cabin on the trip to Newcastle. He became convinced the light was an object. Crew-mates who saw the prints had speculated on it being a space vehicle.

The ship was approaching the Margaret Brock Lighthouse between Adelaide and Melbourne, when I went on deck to take the moon pictures," Mr. Jacobs said. "It was a few minutes after 10p.m. The moon was fairly low in the sky in the direction of Adelaide. I looked through the camera at the moon, which was behind the clouds, and saw a light on the left hand side of it. It was a bright yellow-orange glow. At first I thought it was a planet. As I started to photograph it, the light began to travel. It swung under the moon and up the other side".

He adjusted the camera's shutter speed and when he looked again the light was above the moon. He took one picture, and by the time he took another in two seconds the "object" had shot high above the moon. He took other pictures. Mr. Jacobs said he was more concerned about getting good pictures than wondering what the object was, and he went below. The object seemed stationary then. "It wasn't till I printed the photographs that I began to wonder. In one you can see a knob on the bottom and a depression in the top-the usual description of a flying saucer," he said.

A "Newcastle Morning Herald" representative accompanied Mr. Jacobs to Newcastle University and saw Professor C.D. Ellyet, Head of the Physics department and Dean of the faculty of Science. After studying the photographs Professor Ellyet said the phenomena was probably caused by reflection or refraction of the moonlight by ice crystals in the clouds. This would explain

how the 'object' changed shape with time, he said. Movement of the light around the moon could be explained by the movement of air and the ice crystals in the clouds.

Mr. Jacobs' photographs were the best and clearest he had seen of such a phenomenon he added.

Footnote: Professor Ellyet emphasised he was putting forward a theory and that "in these cases, one can never be certain". No satisfactory explanation had been put forward for some sightings made in the sky over the years".

So much for the newspaper article. Other sources said that "Astronomical experts were unable to identify the object"(1), and that "a spokesman for the WRE said that the object could not have been a satellite but was more like an aircraft" (1). However according to (2), "A RAAF spokesman said that there had been no planes in the area at that time."

Investigations thus drew to a close. The object clearly isn't a satellite, and neither is it a plane. The verbal description of its movements eliminates an astronomical object. So, what was it?

A fellow work-mate provided the answer. It turned out he had been the radio operator on board the ship concerned at the time, and was able to supply some inside information. He says that the steward approached him to send some telegrams to the "Adelaide Advertiser" regarding the photos. In the course of the conversation it came to light that the object had not been seen when the pictures were taken. It only came out in the prints! Also, although it was claimed that the object was still visible when the steward went below, he had made no attempt to draw anyone else's attention to it. Thus, these pointers negate the verbal testimony as given in the paper and subsequent accounts. A camera lens reflection which came out on the prints when they were developed - reflection from the moon - fits the data perfectly. The steward apparently took full advantage of the situation.

#### Notes:

- (1) From "Australian Flying Saucer Digest" April-June 65 p 4.
- (2) "UFOs over the Southern Hemisphere" M. Hervey p 143-4.
- (3) "Australian Flying Saucer Digest " No.8 June 65 p 28 (pics).
- (4) "Australian Flying Saucer Digest" No.9 November 66 Back cover inside (pics).

#### Of Crazy Correlations and Useless Information.

by D. Seargent.

Certain writers of the Von Daniken type are apt to back up their theories by pointing to certain odd correlations between archeological finds, ancient structures and the like, and certain astronomical constants. For instance, the distance from earth to sun is supposed to be calculable from the height of the great pyramid. In fact, ALL manner of things are supposed to be calculable from the dimensions of the great pyramid (even, so I once read, the date of the first Labour government in England!).

The argument, I suppose, is that if all manner of information can be derived from such correlations, then we have evidence of a superior intelligence existing on earth in times past (obviously the Antediluvians, Atlanteans, Lemurians or Ancient Astronauts, depending upon your pet theory).

Now lets look at another strange correlation - a piece of useless information far more fascinating than the average length of a piece of spaghetti, the reason why a pig's tail curls of the average area of Jewish noses. This piece of information actually correlates the smallest distance of quantum physics, the simplest organism of biology and the largest distance of cosmology!



In quantum physics, a distance termed the Plank-Wheeler length is encountered. This is the unbelievable small distance of  $10^{-33}$  cms., and is, in a sense, an atom of distance - the shortest length at which the familiar properties of space are retained. At smaller distances, quantum fluctuations destroy the usual properties of space and such words as "distance" and "time" have no meaning. Now, it is a curious fact that if the number of P-W lengths in a centimeter is multiplied by the length of a bacterial virus, the answer is the radius of the observable universe - the greatest distance which has physical reality. ( $10^{33}$  - the number of P-W lengths in a centimeter, TIMES  $10^{-5}$  - the length of a bacterial virus in centimeters, equals  $10^{28}$  - the radius of the universe in centimeters).

Surely such a correlation (involving both the largest and the smallest distances, together with the simplest organism) is more **interesting** than the altitude of the pyramid! And surely it is just as useless!

The point of this little exercise is simply one of demonstration. Demonstration that all may not be as it seems. That mysterious correlations and relationships may mean nothing more than odd co-incidences and that those who seek such relationships may only be chasing chimeras - and this may apply to the sublime (e.g. the co-incidences relating the dimensionless constants of physics, a question which has occupied two of the greatest minds of the century - Dirac and Hoyle) as well as the ridiculous (e.g. the pseudo science of Pyramidology and the ramblings of Von Daniken). All could be co-incidence (although I personally believe that the sublime is valid. The ridiculous, though remains ridiculous).

#### A Summary of Australian Close Encounters reported during 1977.

by K. Basterfield.

During the year 1977, Australia experienced reported occurrences of close encounters types one, two and three. The year started off with an interesting event reported near Lithgow New South Wales, on the fourth of January at about 9.30 p.m. Noting an orange glow in the distance, two people travelling in a car, put it down to a bushfire at first, until it approached their vehicle. As it seemed to be overhead they saw it was in fact a huge circular diffuse glow which was confined within its own parameters. At this point, their car became enveloped in a fog bank which persisted until the glow had passed by. (1)

Following this, on the 20th of the same month at 1.45 a.m. a Port Kenny, South Australian farmer stepped outside to relieve himself and noticed that there was a bright, flashing in the sky like lightning, which lit up the ground. Upon looking up, he saw a bright ball of light travelling along, at close range. This ball then took off at speed (2).

What was to be the first of two close encounters type three reports for the year happened on the 3rd February at Seven Mile beach, Tasmania at 9.30 p.m. Some children at a youth camp heard a noise and saw a spinning "dome" with flashing lights and windows. In the centre window, they said they saw a figure. The figure appeared to be thin with a largish rounded head above what looked like a high collar. It had an arm visible to the right. It moved its head and changed positions in the window. After one or two minutes observations, the object moved away (3).

The 18th April saw a man standing by the side of his truck at Port Macquarie, New South Wales. It was 4.30 a.m. when he saw an estimated 16 meter diameter bright white light ascending over sand hills some 150 meters away from him. He stood there amazed until the light came towards him, and when it got to within 30 meters he entered the truck cabin. Watching from there, he saw it back off and descend over the dunes, then speed away out to sea only a few meters above the waterline. After a while it left the sea surface and climbed into the sky. (4)

South Australia featured four days later when about midnight, a young lady driving home had car trouble of an unusual sort. She saw an oval shaped light coming towards her car and upon it seeming to pass overhead, the lights on the car died, the engine stopped and the car radio cut off by itself. Four seconds later, they all returned to normal. Thoroughly frightened, she continued on her way home.(5)

The next month on the second, a man out camping on the river Murray at Cal Lal, was confronted with a very unusual sight. He and his son were sitting by a camp fire when he turned around and was surprised to see a blue "trapezoid", some 2 meters high by 75 cm wide at the top tapering to 45 cm across the bottom, stationary in front of a tree 10 meters away. He looked away, and upon looking back it had gone. No sound was heard.(6)

Eighteen days later, and only a few kilometers away, a young nurse was on her way to work by car, when she came across a red glowing ball sitting a few meters away from the road, in a paddock. Seemingly 5-10 meters in diameter, it rose into the air and was lost to sight.(7)

Some six days after this, on the 26th, a physical trace case came to light in Orange, New South Wales, which was very quickly investigated by UFO Research (NSW). Around midnight a boy observed an orange sphere with "windows" in it, at low altitude possibly resting on the ground, near a farm. His mother was called and also saw it before it moved over a hill and was lost to sight. Physical traces were found in the paddock where it was observed. The traces consisted of four small cleared patches arranged in a trapezoid. The grasses and thistles within the area were not affected in any obvious way. Upon analysis it was found that if any ionizing radiation was involved the ground would have received less than 100 rad and that any heating involved in forming the cleared patches would have been below 205°C.(8)

May seemed to be a popular time because on the 30th at 10.30 p.m., a person, out shooting near Oppossum Bay, Tasmania, reported seeing a "silver ball, edged with red and with a red tail", 10 meters off the ground about 400 meters away. It passed silently over the river Derwent and rose into the sky. (9)

Tasmania featured two reports during June, the first on the 23rd. A rectangular shape with a pink flashing light 3 meters long by 1 meter high seemed to float close to a woman, who watched it for a while before deciding to drive to a better position to observe it. However as she did so, it departed soundlessly into the North Western sky.(10)

Moving to Casino two days later, two friends were returning home at 3 a.m. when they noticed flashing lights above the car which seemed to "pace" them, then disappeared into the distance. There was no visible "object", merely a group of 6-8 lights flashing yellow and pink/red.(11)

Just over a week later, on the 2nd July another Tasmanian car event occurred. A bright red light 3 meters off the road and 200 meters behind a car was noted by the occupants. The car lost power for 15-20 seconds and had to be clutch started. The light by then had disappeared. Some time later, exactly the same thing happened to the car but this time there were no lights observed.(12)

A very large (200meter) pink coloured "Jumbo jet" looking object was reported to have touched down beneath some high power electricity lines near Birdwood, South Australia on the 30th July at 3.45 p.m. It was then said to have taken off vertically, though it made no noise whilst moving at what was stated to have been supersonic speed. (13)

At least twelve people were witness to our next encounter which occurred



during daylight hours, near Meekatharra, West Australia. A disc shaped object rose from behind a rocky outcrop (outcrop was only 50 meters from house). As it rose, a sort of vapour rolled down the rocks. The disc, with domes on top and bottom, gave "birth" to a smaller red object which came out of the side of the larger one, then shot out of sight at speed. The larger one then rose and disappeared from view. (14)

To round off the year's events as far as close encounters go, as it seems to have gone quite since then until the beginning of 1978, we have a fairly good but in some ways nebulous type three events.

On the 17th October at Mt. Magnet, which is near Meekatharra, two people were paced in their car by a light which stayed some 50 meters from them. They called in at a hotel and were informed that some employees of the hotel had been persued by something also.

Eight people then drove to the spot where the light had been last seen. They reported seeing three round pulsating red and green objects landed in paddocks some 3 km. from the hotel. The object took off and moved around, landing several times before they left. There appeared to be "objects" moving around these three objects. They were of human size, and weren't animals.

#### References:

	<u>Investigation by:</u>	<u>Ref:</u>
(1)	UFO Research (NSW)	ACOS Bulletin No.11
(2)	UFO Research (SA)	ACOS Bulletin No.11
(3)	TUFOIC	ACOS Bulletin No.11
(4)	K. Blackman	ACOS Bulletin No.12
(5)	UFO Research (SA)	Personal investigation.
(6)	UFO Research (SA)	" "
(7)	UFO Research (SA)	Investigation notes and report form.
(8)	UFO Research (NSW)	Copy of detailed investigation notes.
(9)	TUFOIC	Annual report 1978.
(10)	TUFOIC	Annual report 1978.
(11)	TUFOIC	ACOS Bulletin No.11.
(12)	TUFOIC	ACOS Bulletin No.13.
(13)	UFO Research (SA)	Investigation notes and tapes.
(14)	Newspaper only	UFOR(NSW)Newsletter 53 pp8-9
(15)	" "	UFOR(NSW)Newsletter 53 pp9-10.

#### Some thoughts on UFOs from behind the Iron Curtain.

by H. Griesberg.

On July 1st, 1976, Dr.U.U.Zigel, Docent at the Moscow Aeronautical Institute, presented a speech entitled "Contemporary position of the UFO problem". We are indeed grateful to Mrs. B. Molnar for translating this speech for us from russian. Here now, is a summary of that speech.

"UFOs first attracted the attention of the world after they were sighted over the Rocky Mountains by american businessman Arnold in 1947. From this time onwards, information on sightings were reported quite frequently, but until 1952, after a group of UFOs flew over Washington for the whole night, not much notice was taken. There was a general alert that night, as they were thought to be russian flying machines of an unknown type."

In his second paragraph, Zigel goes on to say that special groups were formed to study UFOs, one of these being "Bluebook". He then states that in 1956, the United States passed a law that any person who released information on UFOs without government approval could be fined \$10,000, or jailed for 10 years. He claims that at that time, the US government twice released false information to suppress panic in the interest of public safety.

He states that the first person to release false information was the US scientists Menzel, who published a book claiming that all UFO reports were



either reflections from clouds or mirages. The second source of false information was the Condon committee, who published a 968 page report in 1967-68, and their conclusion was the same as Menzel's. "But now it is known that this information was put out by orders of the U.S. Air Force.

But not everyone in the USA agreed with this point of view, e.g. 1968, american physicist(?) Hynek stated that these UFOs could be interplanetary craft."

He then goes on to say that Hynek formed the Center for UFO Studies in 1974 where every supposed sighting of a UFO is recorded.

Officially registered cases of UFO sightings in the USSR are 3,000. As one example, in January 1976, in Nalchikom, there was a reported UFO which seemed to "hang" in the sky. In 1956, the pilot of a commercial flight reported: "During the flight over Greenland, we sighted a 'flying saucer'. We climbed into the clouds to avoid contact as we thought that it was an american plane of an unknown type. When we came out of the clouds, we saw the object flying at the same relative position as before. We tried to manoeuvre but the UFO followed our manoeuvres. When we tried to approach it, it kept its distance, then with a sudden burst of speed, it disappeared."

Similar information was heard from many other pilots.

He then stated that in the USA, a special tracking station was formed, consisting of a ring of spotlights 600 meters in diameter with 100 megawatts of power. To this was added all known apparatus for observing and fixing UFOs. On the 2nd October 1974, the station observed a UFO which flew at a height of 82 meters, and was doing 16,000 kmh. The UFO made two right angled turns without reducing speed. These turns were photographed. The most interesting part of this is that calculations showed that the load on the UFO would have been 3,000g. It is hard to imagine that any material could take this stress. The range of speeds recorded by radio locators at this station, was from zero to 72,000kmh.

Zigel then adds that some researchers put forward theories that UFOs capable of taking these stresses must have some capability to nullify the gravitational force. Russian physicist Gerlovich proved that it is possible to nullify the gravitation with the aid of electromagnetic fields. (theory of fundamental field). Another russian scientist, Veynik, showed that there is a possible clue to reach the speeds many times the speed of light, anything up to 10 times.

He then briefly goes into sizes saying that approximately 50% of all UFOs are reported to be 60-80 meters in diameter, whereas some of the bigger ones are anything up to 800-1500 meters long.

Talking about EM cases, he quotes a rather interesting case on 31st August 1961 in the town of Koonseva, at a railway level crossing, where a lot of cars were waiting for a passing train, when a UFO flew over them. Every engine of every car apparently stalled at this point, and the drivers were unable to restart them. A few minutes after the UFO was lost to sight, all engines simultaneously started by themselves.

Speaking on physical trace cases, he quotes a case in the United States, where in 1956, two police cars were chasing a criminal on a highway when the officers sighted a UFO lowering over a forest. They supposedly stopped the chase to investigate the UFO. The officers, upon reaching the spot in the forest, saw several occupants around the landed UFO. They then contacted their superiors, but the "occupants" went back into the UFO, which then silently lifted off. On the spot where the UFO had been, grass and bushes were burnt, and there were landing impressions as well as some green liquid. (He also claims that the same green liquid was also found at ALL other landing cases). Analysis of the liquid showed the composition to be unknown and earth scientists could not reproduce it. From the impressions, it was calculated that the UFO had a diameter of 30 meters and weighted 30 tons. He also touches on astronauts having encounters with UFOs, such as Aldrin in Apollo 1 taking a film of a UFO. Also, a supposed UFO actually landed not far from where Apollo landed on the moon. This apparently was recorded by



apparatus on board of the Landing Module.

He also notes that the most frequent cases of UFOs are observed near army installations and defence areas, and particularly during army manoeuvres. He also mentions 'angel hair' stating that it is of a "jellylike, foul smelling, fast evaporating substance, with veins through it". "According to Zigel, there are 14 photographs of aliens in the whole world. These can be broken into 3 types:

1. Aliens 1 meter high, repulsive to look at, i.e. large head, wide shoulders small body and legs.
2. Aliens of european type - they look similar to people from Europe.
3. Aliens, giants, 3 meters tall with gigantic strength.

One case was in May 1975, when when the first contact was made with a UFO by the tracking station mentioned earlier. The station sent a signal to a UFO which was hovering over this station, in two numbered system, the value of pi to 7 decimals. Immediately, "the UFO replied in the two numbered system, to the value of pi and to 7 decimals."

Zigel then quotes the Betty and Barney Hill case, which everyone is well aware of.

He then speculates as to what UFOs are here for. It is a rather interesting section of the report, and should be quoted in its entirety:

"The latest theory is that we (earthlings) are a product of experiments of some other civilisation. USSR Professor Porshnev claims that human beings in their present form have existed no more than 20,000 years and those apes we claim are our forefathers in actual fact is a dying branch. There is no secret that Darwin's theory cannot precisely explain the time of transformation from man-like apes to man. There are theories that civilisation on earth has existed a few times but for some reason died out and returned again. In Yugoslavia in 1975, there was a congress about polycivilisation. In the USSR, there is a ban publications about UFOs, because: There would be a flood of information and misinformation on the publication on UFOs. An article in the newspaper PRAVDA in 1968 states that the problem of UFOs is imaginary. Our russian publications do not publish anything about this question and each statement they make needs special permission!"

In conclusion, Zigel says that it is clear that there is a certain type of phenomena. The nature of this phenomena is not yet known, and no one can claim to have the solution. In this particular situation, there is one decision which must be made. To study the UFO phenomenon with careful scientific research. The nature of this mystery must be solved, this is the beginning of the era of careful study of the sky.

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#### UFO Sighting Value System.

by K. Roberts.

The purpose behind the sighting value system is to give members, and fellow groups a chance to evaluate the sightings mentioned in our publications. (TUFOIC's). Some reports at face value can look impressive but only by knowing investigation levels, time lags etc., can one gauge the true value of a case for the UFO evidence.

#### Value:

1. Nocturnal light, Daylight Disc.
2. Nocturnal light, or Daylight Disc involved in car pace, landing, noise, vapour, beams.  
Nocturnal light (well defined), daylight disc (having a resolved shape)
3. Close encounter type 1 at distance 101 to 200 meters.
4. Close encounter type 1 at 100 meters or less distance.
5. Close encounter type 2.
6. Occupant or associated figures but no UFO seen (No apparitional figures, monsters)
7. Radar visual reports.
8. Close encounter type 3.

Add to above:

1. if witnesses at different locations, or 6 plus adult witnesses together (18yrs+)
1. investigation level A.

Deduct from above:

1. single witness sighting.
  1. investigation level C.
  1. over 1 year till sighting reported to UFO investigator.
  2. investigation level D or E.
  2. over 2 years till sighting reported.
  3. over 5 years till sighting reported.
- A negative total shall be written as 0, followed by the investigation level.

Investigation level:

- A. CE1 to 3 reports "in depth" investigation. If possible visit to sighting point with or without witnesses. Full explanation check, reports, diagrams etc.
- B. Interview and report by investigator, limited checks, telephone contact etc.
- C. Sighting form only, no contact with witness, checks, or follow up.
- D. Written account only, no contact with witness, or follow up.
- E. Unconfirmed report from newspaper, magazine, verbal, 2nd hand etc.

Note.. A CE case which is not level A investigation will fall into the appropriate category from B to E. An excellent NL or DD case may be included in level A if it is an outstanding report. (eg Maydena Tas, early 1976, a case with 200+ witnesses, dozens reported the sighting, trips to the area, explanations checked)

As a guide... Sightings with a value of 0-1 have only a limited value with a level of 0-E being the lowest possible. Values of 2-3 would cover most of the "average" sightings. 4 and above cases of high value dependant on the investigation level.

Comments re the UFO SIGHTING VALUE SYSTEM.

by K. Basterfield.

(in reply to above article)

The formula to assess a report is:-

Value + (witnesses different location, multi witness, good investigation)  
- (single witness, poorer investigation, old report.)

(1) The system is using a main value of the type of event. Basically it says that a 1-8 scale is assigned depending on the strangeness of the event. This places a CE3 event as a higher scale where as a CE2 (say physical trace) rates only four. As far as evidence goes one should possibly rate:

1. Nocturnal light.
2. Defined Nocturnal light.
3. CE1, DD, CE3.
4. CE2-car effect, animal reaction.
5. radar/visual
6. physical trace

Here I would like to concentrate on the amount of physical evidence strangeness. A CE3 report by itself (a one witness one) with no physical evidence is of low evidence rating, although it could be a very detailed account with plenty of data points.

(2) The addition section is good - obviously a good positive investigation adds value to a report, so does multiple witnesses (most of the time). However I think that if the event happens to an ACOS investigator we should add +10 not +1.

(3) The deduction scale is good - reflects the value of current cases & good investigation.

(4) The investigation level - good, again reflects good investigation.



Let's take a few examples using the system:

(1) Kimba SA CE3 1973.

Value = 8 + 1 (multi wit.) + 1 (invest.level A) SCORE = 10.

(2) Tully "nests" landing 1966.

Value = 4 + 1 (invest.level A) - 1 (single wit.) SCORE = 4.

(3) 1967 Hallam Photos.

Value = 2 + 1 (invest. level B) SCORE = 3.

So, we arrive at: Hallam = 3, Tully = 4, Kimba = 10.

However, in my opinion these should actually be rated as far as physical evidence goes as:

Kimba - visual observation, multi witnesses.

Hallam - Photos, daylight disc.

Tully - physical trace, and object.

Overall comments:

I think that the system is along the same lines as my own proposed at UFOCON 3, (see K.B.'s paper presented at UFOCON 3), and a 'weight' system gives an indication of how "good" a report is.

Any weight system should cover:

A. Investigation 1 (poor) to 10 (good)

B. Conclusion re report 1 (could be explained) to 10 (cannot be explained)

C. Conclusion re reporter 1 (poor witness) to 10 (good witness)

D. The type of event is the hardest to "weigh". Possibly we need two scales:-

1. Physical strangeness-1(no physical evidence) to 10 (fully documented, inexplicable, phys.trace)

2. Strangeness scale, i.e. elements to be explained.

a)N/L b) defined N/L c)CE1/DD/CE3 d)CE2,car effect e)radar/visual f)physical trace CE2.

Citizen's Radio and UFO reports.

Recently, ACOS contacted the Citizens Radio Emergency Services Teams-Australia headquartered in Canberra, on behalf of all affiliated member groups, requesting their co-operation in directing any C.B.'er who reports a UFO sighting over the emergency frequency to any of our (or the nearest) group for investigation. A letter was written to the National Executive explaining what ACOS was as well as the work our organisations and individuals were involved in. Would each group and individual please notify ACOS with a telephone number we can pass onto CREST which they could ring if someone reports a UFO encounter which could, at the time be in actual progress. We feel this could be extremely beneficial, if an investigator could be notified that a sighting is in progress, and can then possibly check it out immediately. CREST by the way, is an australia-wide organisation with monitors on a 24 hour roster. Please get these phone numbers to us as quickly as possible.

U.S. Radar Visual case of interest.

FLORIDA U.S. 14/5/78. Navy radar operators became nervous after numerous people called the Pine Castle Electric Warfare Range at Okala tonight, to report several bright objects with flashing lights between 15-18 meters in diameter. The base personnel knew that no navy aircraft were in the area at that time, so they climbed an antenna tower and watched the objects through binoculars for approx.20 mins. One was definately hovering at an alt.of about 1500' and the duty officer at the time said the largest object accelerated so fast, that the computer assisted radar equipment could not keep up with it.

U.F.O. REPORTS FROM AROUND AUSTRALIA.

So far this year, we have on file, the following reports.

UFOR(NSW)	4N.L.		
UFOR(SA) Inc.	71I.D.	1N.L.	2CE1.
TUFOIC	50I.D.	2N.L.	1CE1. 2DD.
UFOR (QLD)		1N.L.	1CE1.
UFOR (WA)	2I.D.	2NL.	1CE1 1DD.
UPIB		2NL.	

Reports.

SA78001      24th December 1977      0225      CE1      UFO Research (SA) Inc.

The witness states: "I was awakened in the early hours of the morning, by the barking of our dogs, and some of the neighbours dogs also. Ours is an upstairs bedroom, and we had the door open. I saw this object travelling in a NE direction. It was shaped like an ordinary cake tin with the air beating around it like the blades of a fan. The pulsating air would have been  $\frac{1}{2}$  the size of the object. It appeared to be the colour of a pearl fluorescent tube. Not being certain of what I had seen, I went out on to the balcony, and it disappeared into the clouds. The moon came out after this had gone, but it was much higher in the sky, and a different colour. All this must have taken 3-4 minutes. (Athelstone S.A.)"

SA78035      5th March 1978      0210      CE1      UFO Research (SA) Inc.

A Truckdriver travelling south from Leigh Creek towards Hawker, had a blowout just before Parachilna (S.A.) and while he was changing the wheel, had a feeling that something or somebody was nearby, watching. He had a good look around and as he could neither see or hear anything, finished changing the wheel. Climbing back into the cab, he had a cup of coffee and a cigarette and started off again. Two to three minutes later, he noticed a bluish green light in front of him about 150-200 feet ahead and 6-8 feet off the road. At first not taking notice of it as there was a railway track on his left, and he thought it was a reflecting sign. Then the light started to move slowly up and down about 2-3 feet. Not knowing what to make of it, he flashed his high beam on to have a better look, but before the beam could actually hit the light, 2 smaller red lights appeared under the green, one on each side, and it took off about 45° to the right, so quick that he could see a small flash and it disappeared.

About 30 seconds later, it came back about 15-20 feet above the road. He could only see the green light. It started to lower toward the road, and as it was about 5 feet above the road, the driver once again switched on his high beam, but again, before the beam could hit the light, the two red lights appeared and it shot up again.. It then returned but would not come lower than about 20 feet, and 150-200 feet ahead, regardless of what speed the truck went. This went on for about 15 minutes. Noticing another semi-trailer coming up behind, the driver pulled over to stop this other truck. Upon the other semi stopping, the driver of the first truck walked across the road, keeping an eye on the green light, and stepping up to talk to the other driver, asking if he saw the light, he said no, and upon looking back into the direction where the light was, he found it had gone. He then waited for a further 15 minutes, but the light did not re-appear.

SA78045      19th December 1976      0230      N.L.      UFO Research (SA) Inc.

A 25 year old man was travelling alone from Darwin (NT) to Broken Hill (NSW) in a car when he observed an intense white light, which passed over his vehicle. A few minutes later he crashed the car on a "bend" in the road which wasn't there. The light also emitted a humming sound.



TA78013      18th February 1978.      0915      D.D.      TUFOIC.

Husband and wife driving car from Granton to Bridgewater (TAS), when husband sees object and points it out to wife. Two white objects one behind other fairly high in northern sky. Seemed stationary for a minute or so. Objects looked spherical and seemed to be metallic and reflecting sunlight. Then objects started to move towards NE. One moved ahead of the other, and just disappeared, then 1st object reappeared but had changed to brown and was more like a disc shape, then second appeared, also disc shaped and almost black. The 2 objects then changed colour to original silver and spherical shape. They then headed off towards north and were lost to sight eventually.

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TA78033      27th March 1978      2000      N.L.      TUFOIC.

Two families were on easter holidays at a shack in Highcroft, and youths went out to skywatch. They then see two orange lights side by side low in the sky, which moved along then disappeared. All told, there were 8 witnesses to this case.

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TA78037      31st March 1978      0600      D.D.      TUFOIC.

Witness was driving north on highway at Montrose (TAS). Looking at clear sky when he saw a venus-sized round white light move up vertically. It climbed about 5 degrees then stopped. Witness pulled over to have a closer look. A second white light, smaller, came up from below to  $\frac{1}{2}$  the height of first light, then descended again. Then the first light descended behind mountain, and after 5 minutes nothing else happened so witness continued journey.

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TA78045      November 1977      0130      N.L.      TUFOIC.

The witness wakes up, goes out for fresh air and sees spherical object out over sea. Watches for 15 minutes until it moves about at high speed and disappears to north. Object estimated to be about 150 feet diameter, white with pulsating lights around center. No noise was heard.

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QA78001      5th January 1978      0115      CE1      UFO Research (QLD)

Driving home from work with her husband, a 25 year old woman saw a very distinct triangle, orange and hot looking coming down in a 45° angle to the horizon. She saw the object for about 6 seconds, and as soon as the object reached treetop level, it just disappeared without trace.

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QA78002      17th January 1978      0400      N.L.      UFO Research (QLD)

Two men fishing off a bridge in Tweed Heads (NSW) observed an object pulsating coming from behind mountains in the SW and move across sky at tremendous speed, about 5-6 times the speed of a satellite. It travelled towards the NE until it got past a little past overhead then disappeared behind cloud cover.

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WA78005      22nd March 1978      2315      N.L.      UFO Research (WA)

Two people (father and son) saw an object travelling from SW to NE, for 15 minutes. The object was spherical, black outline grey inside, with an orange spot on its face. Approximate size was that of the moon.

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